

IDS

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/050435

A. CLASSIFICATION OF SUBJECT MATTER		
IPC 7	F04C9/00	F04C11/00 F04C15/02 F01C21/10 F04C15/00 F04C2/07
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) IPC 7 F04C F01C		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	AT 325 757 B (WYZSZA SZKOLA INZYNIERSKA) 10 November 1975 (1975-11-10)	1-4,6-13
Y	the whole document	14,15
X	US 1 951 607 A (VICTOR GIDEON) 20 March 1934 (1934-03-20) figures 1,7 page 1, line 87 - line 92 page 2, line 62 - line 88	1-4,6-13
Y	DE 28 08 769 A (MAYER WERNER) 6 September 1979 (1979-09-06) figures 1-4 page 13, line 7 - line 20 page 15, line 6 - page 16, line 21 ----- -/--	14,15
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "G" document member of the same patent family		
Date of the actual completion of the international search  7 July 2004		Date of mailing of the international search report  19. 10. 2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer  Lequeux, F

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/050435

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 1 299 714 A (BOUR LOUIS FERDINAND) 27 July 1962 (1962-07-27) the whole document	1-4,6-9, 13,16,17
X	WO 89/05918 A (3H INVENT AS) 29 June 1989 (1989-06-29) figures 1,2,7,8,11,12	1,3,6,8, 9
X	JP 50 060808 A (KAWASAKI HEAVY INDUSTRY) 26 May 1975 (1975-05-26)  figures 1,2	1-4, 6-10, 13-16
X	WO 01/53659 A (SCHMID HEINRICH ; FREE ENERGY TECHNOLOGY LTD (DE)) 26 July 2001 (2001-07-26) figures 1-4 page 3, line 5 - page 5, line 35	1,3,4,6, 7,9-13, 16,17
X	GB 1 554 358 A (DOUNDOULAKIS G) 17 October 1979 (1979-10-17) figures 1-4,6,7 page 1, column 1, line 11 - line 14 page 4, column 1, line 2 - column 2, line 15 page 5, column 1, line 56 - page 6, column 1, line 58	1-3, 5-14,17
X	FR 976 094 A (BABEL R; VOREAUX P-J) 13 March 1951 (1951-03-13) figures 1-3,16,17 page 2, column 1, line 21 - column 2	1-3,5-15

## Information on patent family members

International Application No

PCT/EP2004/050435

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
AT 325757	B	10-11-1975	AT 937071 A	15-01-1975
US 1951607	A	20-03-1934	NONE	
DE 2808769	A	06-09-1979	DE 2808769 A1	06-09-1979
FR 1299714	A	27-07-1962	NONE	
WO 8905918	A	29-06-1989	NO 875407 A	26-06-1989
			AT 78901 T	15-08-1992
			AU 633250 B2	28-01-1993
			AU 2909889 A	19-07-1989
			CA 1334661 C	07-03-1995
			DE 3873352 D1	03-09-1992
			DE 3873352 T2	10-12-1992
			DK 153190 A	22-06-1990
			EP 0395710 A1	07-11-1990
			ES 2012934 A6	16-04-1990
			JP 3502954 T	04-07-1991
			MX 170497 B	26-08-1993
			NO 902693 A ,B,	18-06-1990
			WO 8905918 A1	29-06-1989
			US 5201644 A	13-04-1993
JP 50060808	A	26-05-1975	NONE	
WO 0153659	A	26-07-2001	DE 20001041 U1	06-04-2000
			DE 20001042 U1	16-03-2000
			DE 20001043 U1	16-03-2000
			DE 20001044 U1	16-03-2000
			DE 20001047 U1	16-03-2000
			AU 3370001 A	31-07-2001
			WO 0153659 A1	26-07-2001
GB 1554358	A	17-10-1979	AU 2770177 A	15-02-1979
			BR 7705847 A	02-05-1978
			CA 1099989 A1	28-04-1981
			DE 2735953 A1	02-03-1978
			ES 461692 A1	01-06-1978
			FR 2363694 A1	31-03-1978
			IT 1086145 B	28-05-1985
			JP 53077307 A	08-07-1978
			MX 144958 A	07-12-1981
			SE 7708612 A	02-03-1978
			US 4169697 A	02-10-1979
FR 976094	A	13-03-1951	NONE	